


MODULE HANDBOOK

	UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES BACHELOR OF BIOLOGY PROGRAMME	COURSE CODE: D10D-60208
Module designation	Urban Ecology	
Semester in which the module is taught	5	
Person(s) responsible for the module	1. Nurullia Fitriani, MT 2. Dr. Keukeu Kaniawati Rosada	
Medium of instruction	Indonesian	
Relation to curriculum	Elective course	
Teaching methods	Lectures, discussions, cooperative learning, and problem based learning	
Workload	Total workload : 5440 minutes = 90.67 hours Lectures, discussions, cooperative learning, and problem based learning : 2 x 50 minutes x 16 weeks = 1600 minutes = 26.67 hours Exercises : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours Self-study : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours	
Credit points	2,00 (3,62 ECTS)	
Required and recommended prerequisites for joining the module	General Ecology	
Module objectives/intended learning outcomes	1. Able to explain the history of Urban Ecology, urban landscapes and ecosystems 2. Able to identify biodiversity in urban areas, humans and urban ecosystems, and pollution and management of pollutants in urban areas 3. Able show the concept of sustainable cities and urban ecosystem management case studies	
Contents	Urban ecology studies the urban environment, the complex interactions and relationships that occur within it. Students are expected to be able to integrate multidisciplinary concepts to understand urban landscapes and ecosystems, their interactions with humans, urban pollution, and sustainable city management.	
Examination forms	Quiz, midterm exam, assignment, and final exam	
Study and examination requirements	The minimum attendance in lectures is 80%. Final grades are evaluated based on Quizzes (25%), Assignments (25%), midterm exam (25%), and final exam (25%).	
Reading lists	1. James, J. and Douglas, I. 2014. Urban Ecology: An Introduction. London: Taylor & Francis, Co 2. Forman, R.T.T. 2014. Urban Ecology: Science of Cities. Cambridge: Cambridge University Press	